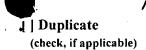
09-05-00

NON-PROVISIONAL UTILITY PATENT APPLICATION TRANSMITTAL - 37 CFR 1.53(b)





Assistant Commissioner for Patent **BOX PATENT APPLICATION** Washington, DC 20231

Attorney Docket No. 9596-23U3
First Named Inventor: Haig H. Kazazian, Jr.
Express Mail Label No. EL631604348US
Total Pages of Transmittal Form: 2

Transmitted herewith for filing is the non-provisional utility patent application entitled:

COMPOSITIONS AND METHODS OF USE OF MAMMALIAN RETROTRANSPOSONS

which is:						
an [] Origi	nal; or					
a [] Cont	inuation, [X] Divisional, or [] Continuation-in-part (CIP)					
	of prior U.S. Application No. 08/847,844 filed on April 28, 1997.					
[] This	non-provisional patent application is based on Provisional Patent Application					
No.	, filed					
Enclosed are						
[X]	Specification (including Abstract) and claims: 85 pages.					
[]	Newly executed/unexecuted Declaration (original/copy).					
[X]	Copy of Declarations (two sets) from prior application.					
[]	Separate Power of Attorney (including 37 CFR 3.73(b) statement, if applicable).					
[X]	33 sheets of formal drawings (in duplicate).					
[]	Microfiche computer program (Appendix).					
[X]	Copy of Nucleotide and/or Amino Acid Sequence Submission, including:					
!] Computer readable copy [X] Paper Copy (45 pages) [X] Verified Statement (Copy).					
PLE	ASE TRANSFER SEQUENCE DISKETTE Filed On March 23, 2000 FROM					
APP	LICATION NO. 08/847,844 TO THE PRESENT APPLICATION.					
[]	Under PTO-1595 cover sheet, an assignment of the invention.					
[X]	An assignment of the invention to: The Johns Hopkins University					
	Recorded December 1, 1997 at Reel 8833, Frame 0900 (is not enclosed).					
[X]	An assignment of the invention to: The Trustees of the University of Pennsylvan Recorded December 1, 1997 at Reel 8833, Frame 0928 (is not enclosed).					
[]	Certified copy of Application No, filed, is filed: [] herewith or [] in prior application					
[X]	Two (2) Verified Statement Claiming Small Entity Status under 37 CFR 1.9 and 1.27.					
	[X] were filed in the prior non-provisional application, and such					
	status is still proper and desired (37 CFR 1.28(a));					
	[X] is enclosed herewith (copy); [] is no longer desired.					
[X]	Preliminary Amendment filed herewith.					
[X]	Information Disclosure Statement and Form PTO-1449. (5 sheets) [original					
	references not included, since they were filed in related U.S. Application					
	No.08/847,844]					

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The filing fee has been calculated as shown below:

the region of the state of the			SMALL ENTITY			LARGE ENTITY	
CLAIMS	NO. FILED	NO. EXTRA	BASIC FEE: \$345			BASIC FEE: \$690	
Total	16-20 =	0	Х9	\$ -0-	OR	X18	\$
Independent	3-3=	0	X39	\$ -0-	OR	X78	\$
Multiple Dependent Claims Present: &@			\$130	\$	OR	\$260	\$
			TOTAL	\$ 345.00	OR	TOTAL	. \$

- [X] A check in the amount of \$345.00 to cover the filing fee is enclosed.
- The Commissioner is hereby authorized to charge and/or credit Deposit Account No. [X] 50-1017 (Billing No. 209596.0367) as noted below. A duplicate copy of this sheet is enclosed.
 - [X] Any overpayments or deficiencies in the above-calculated fee.
 - [X] Filing fee in the amount of \$345 as calculated above.
 - Any additional fees required under 37 C.F.R. § 1.16 and § 1.17. [X]
 - In the event that a Petition for Extension of Time is required during the [X] prosecution of this application, but not submitted, please charge any extension fee under 37 C.F.R. § 1.136(a) to our Deposit Account noted above.

CORRESPONDENCE ADDRESS:

Haig H. Kazazian Jr., et al.

By:

Kathryn Doyle, Ph.D., J.D. Registration No. 36,317

Akin, Gump, Strauss, Hauer, Feld, L.L.P.

One Commerce Square

2005 Market Street - Suite 2200 Philadelphia, PA 19103-7086

Telephone: 215-965-1200 Direct Dial: (215) 965-1284 Facsimile: 215-965-1210

E-Mail: kdoyle@akingump.com

Customer Number or Bar Code Label: 000570

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